

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		ADG/18/10769
1.3 Title of PCN		IGBT Planar Automotive Front-end Line relocation to Ang Mo Kio (Singapore) - AUTOMOTIVE
1.4 Product Category		IGBT
1.5 Issue date		2018-04-03

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Maurizio GIUDICE
2.1.2 Marketing Manager	Anna MOTTESE
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	AMK (Singapore)

4. Description of change

	Old	New
4.1 Description	IGBT Planar Technology is manufactured in the 6" wafer line of Catania (Italy)	IGBT Planar Technology is manufactured in the 6" wafer line of Ang Mo Kio (Singapore)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Front-end & Testing Relocation
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	by the digit 6 as front-end code, internal code (Finished Good) and Q.A. number.
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7. Timing / schedule

7.1 Date of qualification results	2018-03-20
7.2 Intended start of delivery	2018-09-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10769 Rel06-18.pdf	
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date 2018-04-03

9. Attachments (additional documentations)

10. Affected parts		
10.1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
STGB10NB37LZT4	STGB10NB37LZT4	
STGB10NB40LZT4	STGB10NB40LZT4	
	STGB18N40LZT4	
	STGD18N40LZT4	
	STGD19N40LZ	

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Dear Customer,

Following the continuous improvement of our service and in order to increase productivity, this document is announcing that due to the restructuring of Catania 6" wafer FAB, we are going to move the production of IGBT Planar Automotive to Ang Mo Kio (Singapore) FAB.

Production of IGBT Planar Automotive done in Ang Mo Kio (Singapore) FAB, guarantees the same quality and electrical characteristics as per current Catania production.

The involved product series and affected packages are listed in the table below:

Product Family	Technology	Part Number
IGBT	IGBT Planar	See involved product list

Any other Product related to the above series, even if not expressly included or partially mentioned in the attached table, is affected by this change.

Qualification program and results availability:

The reliability test report is provided in attachment to this document.

Samples availability:

Samples of the test vehicle devices will be available on request starting from week 08-2018. Any other sample request will be processed and scheduled by Power Transistor Division upon request.

Product Family	Part Number - Test Vehicle
IGBT	GD8NC60KD(1258) STGB10NB37LZT4 STGB20NB41LZT4

Change implementation schedule:

The production start and first shipments will be implemented after week 38 of 2018, upon customer agreement.

Marking and traceability:

Traceability of products involved in this PCN will be ensured by the digit 6 as front-end code, internal code (Finished Good) and Q.A. number.

Yours faithfully,





Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : IGBT Planar Automotive Front-end Line relocation to Ang Mo Kio (Singapore) - AUTOMOTIVE

PCN Reference : ADG/18/10769

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STGD3NB60SDT4	STGD18N40LZT4	STGB18N40LZT4
STGB10NB40LZT4	STGB20NB41LZT4	STGD19N40LZ



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